



- NOTE:**
1. Outriggers to be extended on a firm surface and the crane leveled and mounted on a factory recommended truck. The rated lifting capacities are based on crane strength and others, on its stability (not to exceed 85% of tipping).
 2. The weight of handling devices, such as hook block, slings, etc., must be considered part of the load and must be deducted from the rated lifting capacities.
 3. Weight of any accessories attached to the boom or loadline must be deducted from the lifting capacities.
 4. The operator must reduce loads to allow for such factors as wind, ground conditions, operating speed and the effects of freely suspended loads such as boom deflection.
 5. For full capacity 360° around the truck, the chassis requires the front stabilizer and additional counterweight.
 6. For boom lengths or radius not shown, use the rated lifting capacity of next longer boom lengths or radius.
 7. For boom lengths longer than 51.2 ft., extend outriggers to max. or mid.
 8. For boom lengths longer than 56.8 ft., extend outriggers to max.
 9. 56.8 ft. boom means 1st mark on 4th boom section side plate is half visible.
 10. Keep at least 5 wraps of loadline on winch drum.

RATED LIFTING CAPACITIES (IN POUNDS)

Load Radius (ft)	18.4 ft Boom			31.2 ft Boom			44 ft Boom			56.8 ft Boom			69.6 ft Boom		82.4 ft Boom			
	Boom ∠	Outriggers Extended			Boom ∠	Outriggers Extended			Boom ∠	Outriggers Extended		Boom ∠	Outriggers Extended		Boom ∠	Outriggers Extended		
		Max.	Mid.	Min.		Max.	Mid.	Min.		Max.	Min.		Max.	Min.		Max.	Min.	Max.
5	75°	36000	30000	22000														
6	64°	23000	23000	15200	76°	17450	17450	13200										
8	57°	19350	19350	10100	73°	17450	17450	8750	79°	17450	17450							
10	48°	15550	15550	7400	69°	15600	15600	6350	76°	14650	14650	80°	9050	9050				
12	24°	14550	14550	5650	64°	13650	13650	4800	73°	12750	12750	78°	9050	9050				
16		13000	12700	4500	60°	12300	11600	3750	70°	11500	11000	76°	9050	9050	80°	9050		
20					51°	10000	7700	2350	65°	9400	7700	72°	8450	7700	77°	7300	79°	4200
25					36°	8100	4950	1300	57°	7600	4950	66°	6900	4950	72°	6000	76°	4200
30									48°	8250	3350	61°	5650	3350	68°	5100	73°	4200
35									38°	5050	2400	54°	4800	2400	63°	4300	69°	3800
40									23°	3800	1650	47°	3800	1650	58°	3700	65°	3300
45												39°	3400	1150	53°	3150	61°	2900
50												29°	2700	900	47°	2750	57°	2500
55															41°	2300	52°	2150
60															33°	2000	47°	1900
65															22°	1600	42°	1600
70																	35°	1350
75																	28°	1200
80																	14°	850
	0°	5400	5400	4050	0°	3950	3400	600	0°	1850	1300	0°	1100	700	0°	600	0°	350
		(16.89ft)				(29.69ft)				(42.48ft)			(55.28ft)			(68.07ft)		(81.33ft)